FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0303-01	2003	3	143

GENERAL NOTES

1. Utility service lines, poles, valve boxes, gas meters, and etcetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

2. The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction.

3. The Contractor shall notify pipeline companies at least forty-eight (48) hours in advance of any work being performed across from and/or adjacent to any pipelines.

4. A full depth saw cut of the existing surface courses or the existing total pavement thickness shall be provided at the locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joint to facilitate removal within one (1) foot of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered SUBSIDIARY to the bid item of "Removal of Existing Concrete Pavement".

5. All project waste including any trees, milled asphalt, rubble from miscellaneous structures, abandoned pipes, excess excavation & etc. shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.

6. The Engineer in charge of construction shall be responsible for preserving all sections line & block corner monuments. The Engineer shall procure a licensed Land Surveyor to take accurate ties to said monuments as well as submittal of the required forms to the Dept. of Archives, Kansas State History Society. The Contractor shall set a City survey monument in the required location where said monuments fall within the limits of pavement construction. Survey monuments will be furnished by the City. Paid as "Monument Box, Installed" (Each).

7. Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface & subsurface conditions. Each bidder shall also fully inform himself as to the extent of the scope of work to be performed.

8. Contractor shall be aware that some gas & telephone lines within the project corridor may have been abandoned in place as new lines are installed. The Contractor shall be responsible for contacting the appropriate owners to determine the status of said lines.

9. The Water Department shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrant damaged during construction shall be repaired by the Contractor at his own expense.

10. Water Service is critical to the operation of the Sewer Treatment Plant No. 2 (South Limits of the Project). Water Line relocations within this Project that require interruption of water service to Plant No. 2 shall be closely coordinated with Plant personnel. The Contractor performing Water Line Relocations for this Project shall be required to participate in a Practice Shutdown that will be coordinated with Sewer Plant Staff. Contractor shall give a minimum of 72 hours notice to the Sewer Plant Staff prior to any shutdown operations. Contractor should also be advised that portable tanks and/or pumps may be required should water service to Plant No. 2 be interrupted for extended time periods.

11. Manhole tops indicated to be adjusted shall include new standard ring and cover castings except where noted. Castings removed shall be salvaged and delivered to the City of Wichita. Cost of removal and transporting shall be SUBSIDIARY to the bid item "Transportation of Salvage Material" (Non-participating).

12. The Lump Sum Bid Item "Site Restoration" shall INCLUDE all costs for relocating or reconstructing traffic signs, temporary pole bracing, final grading of the work area, and other such items requiring replacement for which a pay item is not provided for in the Proposal.

13. Contractor shall be responsible for preserving property irons SHOWN on Plans. The Contractor will be required to re-establish any SHOWN property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

14. The Contractor shall remove and deliver to City Yard all salvageable Traffic Signal Equipment (Controller, Cabinet, Poles, Signals, Lids, etc.), regulatory signs, street name signs, information signs and etc. Cost of removal and transporting shall be SUBSIDIARY to the bid item "Transportation of Salvage Material" (Non-participating).

15. Removal of all fences, trees, shrubs, stumps, drain pipes (<12"), pavement markings, and any other items slated for removal for which a pay item is not provided shall be INCLUDED in the lump sum bid item "R/W Clearing and Site Preparation."

16. In locations where existing mail boxes conflict with construction, the Contractor shall remove and salvage the existing mail box for reinstallation. Only approved, non-hazardous supports shall be used. Hazardous mail box supports shall not be re-installed but may be returned to Owner. All costs associated with mail box removal & re-installation shall be SUBSIDIARY to the bid item "R/W Clearing & Site Restoration".

17. Trees and Shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed and disposed of by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

18. Fences with in the public right-of-way which are in direct conflict with proposed new construction shall be removed and stockpiled on the land owners property by the Contractor with the Engineer's approval. Cost to be INCIDENTAL to "R/W Clearing & Site Preparation.

19. All lawn/turf areas disturbed by construction shall be restored with the same grass/sod as existing. Restoration of disturbed areas shall include, but not limited to, top soil preparation, seeding, mulch, and/or reseeding. All seeding/sodding work shall be in accordance with City Standard specifications and the City Administrative Regulations No. AR78 which governs cleanup and restoration or replacement following construction. All costs for this work shall be INCIDENTAL to "Site Restoration."

20. The Contractor shall reseed all areas disturbed by construction with a mixture of Rye grass (applied at a rate of 200 lbs. per acre) and Buffalo grass (applied at a rate of 100 lbs. per acre). Pure Nitrogen fertilizer shall also be applied at a rate of 1.5 lbs. per thousand square feet. The seed shall be watered with deep soaking every two (2) weeks during dry periods until a mature stand of grass is obtained. The temporary seeding may be omitted only if other seeding is required in accordance with General Note 19. All costs for this work shall be INCIDENTAL to "Site Restoration."

21. Contractor shall be responsible for implementing erosion control methods during construction to prevent unnecessary silt/sediment discharge through downstream properties and/or storm sewer systems. Contractor shall install and maintain erosion controls as directed by the Engineer These controls may include but not limited to: hay bales; silt fences, temporary mulching or other controls necessary to inhibit sediment runoff during construction.

22. Driveway widths and locations shown on the plan are tentative Contractor shall be required to obtain properly executed driveway request form signed by the property owner or an authorized representative verifying such driveway widths and locations. Such forms shall be submitted to the Engineer for his review and approval.

23. New Sidewalk shall have a maximum side slope of not more than one-quarter inch (1/4") per foot and a maximum longitudinal slope of five (5) percent unless otherwise approved by the Engineer. The sidewalk location shown on the plan is tentative The Contractor shall be aware that the final sidewalk alignment may be subject to field changes based on the new location of power poles, utility pedestals, and trees. However, the Contractor shall make every effort to adhere to the sidewalk plan with respect to slope and drainage conditions.

24. The Contractor shall not start work on the Project until the Project Inspector is assigned and is present on site. Any work done without inspection will be required to be uncovered for inspection.

25. Areas over Storm Sewer Box Structures and Areas over-excavated in surface or pavement removal shall be filled to sub grade elevation and compacted to 95% Std. Density. Cost shall be INCIDENTAL to the Project.

26. Geogrid Reinforcement for the rock base shall be Tensar BX1100 as manufactured by the Tensar Corporation, or approved equal. Geogrid fabric shall be INCIDENTAL to the bid item "Reinf. Crushed Rock Base."

27. The crushed rock base under valley gutters, concrete pavement, and bituminous pavement shall conform to the following limits:

Sieve Size	% Passing
2-1/2"	100
3/4"	40-80
No. 4	20-50
No. 40	6-20
No. 200	2-10

Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification, Subsection 1102 for Durability Class 1.

28. Monitoring Wells that conflict with the proposed construction shall be plugged by "Others" prior to construction. Upon award of this contract, the Contractor shall be responsible for contacting the Kansas Dept. of Health and Environment at 337-6020 to determine the status of the well.

29. The Contractor shall comply with all applicable safety regulations.

30. TRAFFIC CONTROL:
One lane of traffic in each direction must be maintained on Hydraulic during construction. Contractor shall provide, erect, and maintain traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (M.U.T.C.D) subject to the Engineer's approval. Access to residences & businesses shall be maintained at all stages of the project. Sidestreet closing shall be such that no two adjacent sidestreets are closed at the same time.

31. Construction of temporary drives required for business access during construction shall be SUBSIDIARY to the bid item "Construction Traffic Control" and shall include all grading, fill, compaction, removal, disposal, and etc. necessary for business access.

32. A portion of excess Excavation from this project may be deposited within the Rivendale Addition located near the south limits. Bidders should contact Baughman Company, at 262-7271 for further Information.

33. Valve Boxes within the Project Limits shall be adjusted to match Final Grade. Cost to be SUBSIDIARY to the bid item "Adjustment of Water Valves" (Non-Participating).

LIST OF UTILITY COMPANIES

Contractor shall be required to provide notice to Kansas One Call at 687-2470 a minimum of two (2) working days prior to any excavation or work adjacent to utilities.

TYPE	OWNER	CONTACT	TELEPHONE	(ALT.)
TV	Cox Communications (Coble)		262-4270	
Electric	Westar Energy (K.G.E.)		383-8650	
High Line Poles	Westar Energy (K.G.E.)	Dale Lee	785-575-8154	
Gas	Kansas Gas Service		888-482-4950	
Pipeline	Conoco Pipeline Company		800-231-2551	
Turnpike	Kansas Turnpike Authority		682-4537	
Pipeline	Williams Pipeline Company		529-6600	800-324-9696
Telephone	Southwestern Bell Telephone		268-2245	800-286-8313
Fiber Optic Cable	Sprint Communications		816-329-7044	316-393-7405
Traffic	Wichita Traffic Signal Shop		268-4034	268-4203
Water	Wichita Water Department		268-4563	268-4908
Storm Water Sewer	Wichita SWS Maintenance		268-4090	
Sanitary Sewer	Wichita Sewer Maintenance		268-4024	262-6000
Sewer Treatment	City Treatment Plant No. 2		303-8787	303-8784

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-83902	Notepage	F:\Eng\Hydraulic_phs2

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
JFB	TCA	JFB	March 04	None	99-09-E451

STREET & SWS IMPROVEMENTS
GENERAL NOTES
HYDRAULIC AVE PAVING - 55th STREET SOUTH TO 47th STREET SOUTH

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211